AUTODOC

How to change rear coil springs on VW Passat B5 Variant – replacement guide

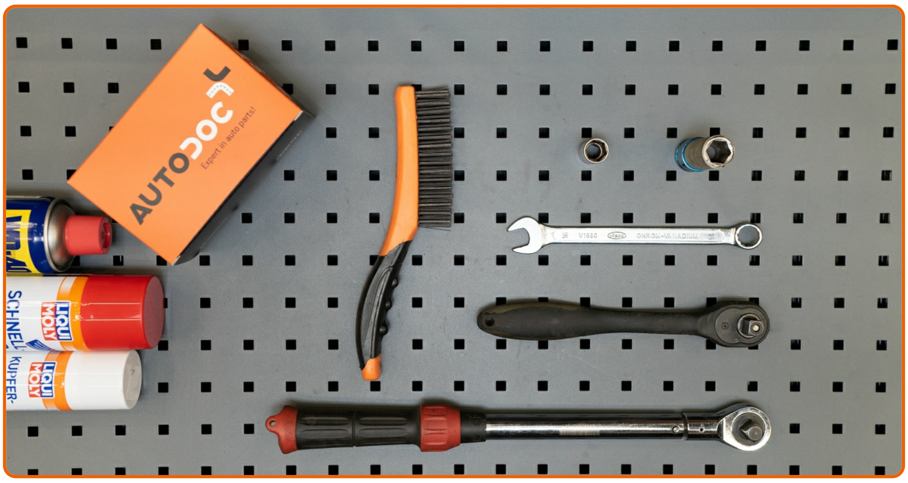
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW PASSAT (3B2) 1.9 TDI, VW PASSAT (3B3) 1.9 TDI, VW PASSAT Variant (3B5) 1.9 TDI, VW PASSAT Variant (3B6) 1.9 TDI

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – VW PASSAT B5 VARIANT. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 16
- Combination spanner #16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

Replacement: coil springs – VW Passat B5 Variant. AUTODOC recommends:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- Please note: all work on the car – VW Passat B5 Variant – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Secure the wheels with chocks.

2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the rear of the car and secure on supports.

4



Unscrew the wheel bolts.

AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW Passat B5 Variant

5



Remove the wheel.

6



Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

7



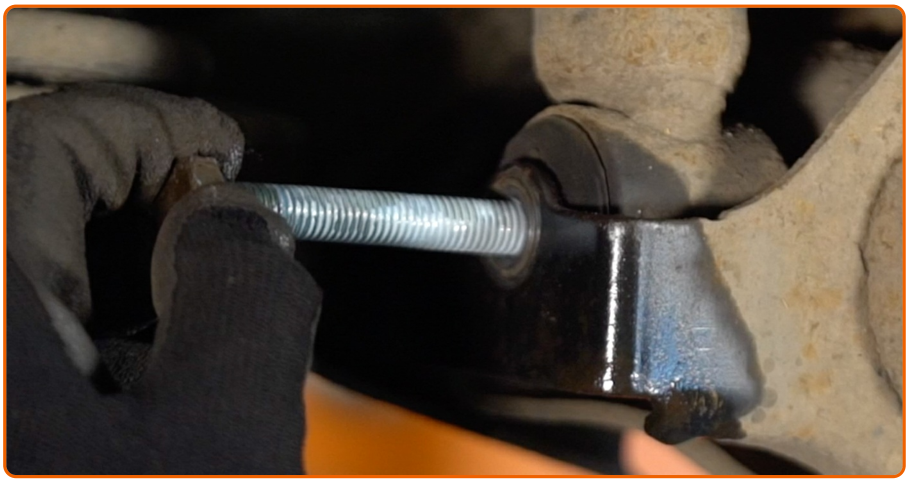
Support the rear suspension beam. Use a hydraulic transmission jack.

8



Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

9



Remove the fastening bolt.

10



Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: coil springs – VW Passat B5 Variant. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

11



Support the rear suspension beam. Use a hydraulic transmission jack.

12

Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

13

Remove the fastening bolt.

14

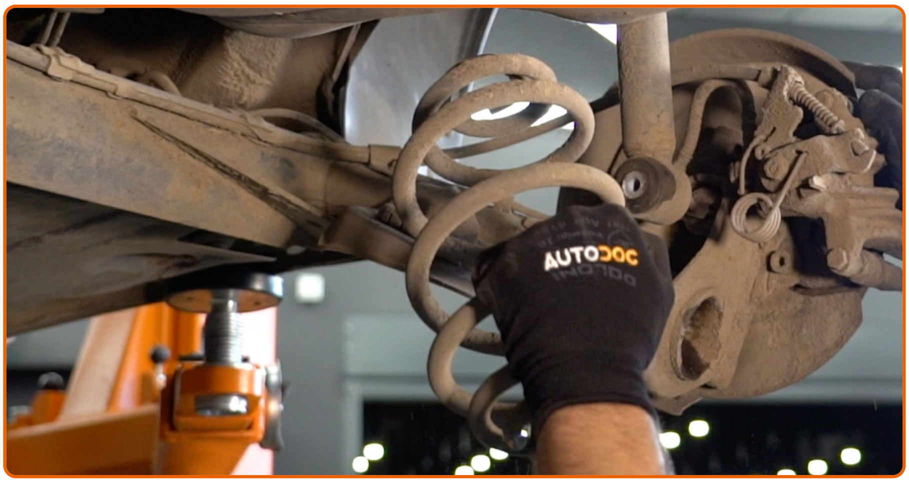


Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- VW Passat B5 Variant – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

15



Take out the spring.

16



Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.

17



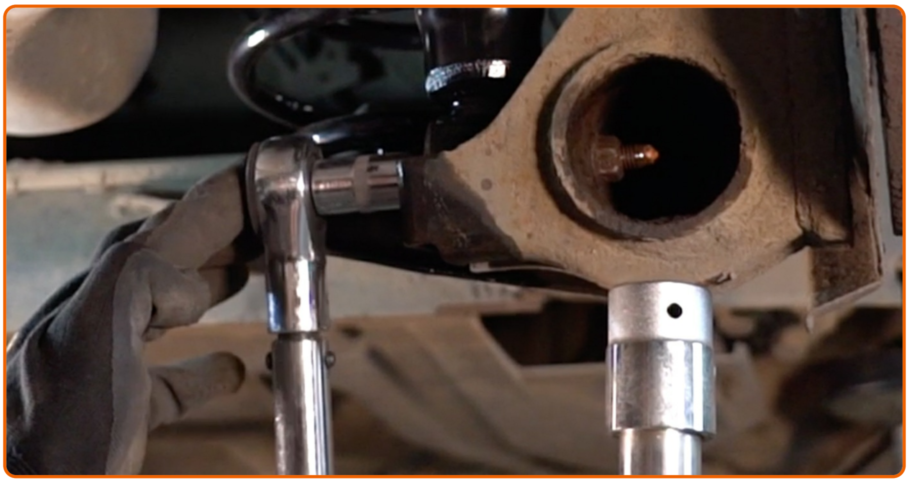
Install the coil spring together with the rubber mounts into the mounting seats.

18



Support the rear suspension beam. Use a hydraulic transmission jack.

19



Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 80 Nm torque.

20

Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: coil springs – VW Passat B5 Variant. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

21

Support the rear suspension beam. Use a hydraulic transmission jack.

22

Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 80 Nm torque.

23



Treat the shock absorber fasteners. Use copper grease.

24

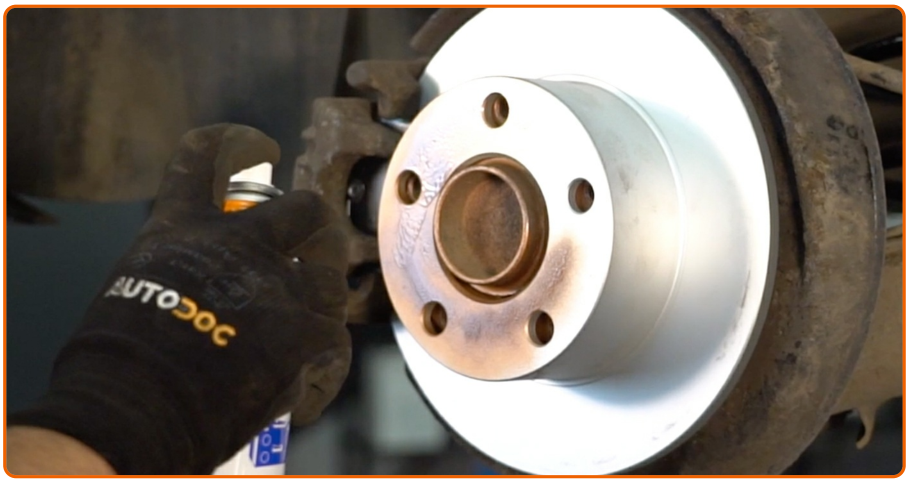


Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- VW Passat B5 Variant – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

25



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

26



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: coil springs – VW Passat B5 Variant. After applying the spray, wait a few minutes.

27



Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Passat B5 Variant

28



Screw in the wheel bolts. Use wheel impact socket #17.

29



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

30



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES NO



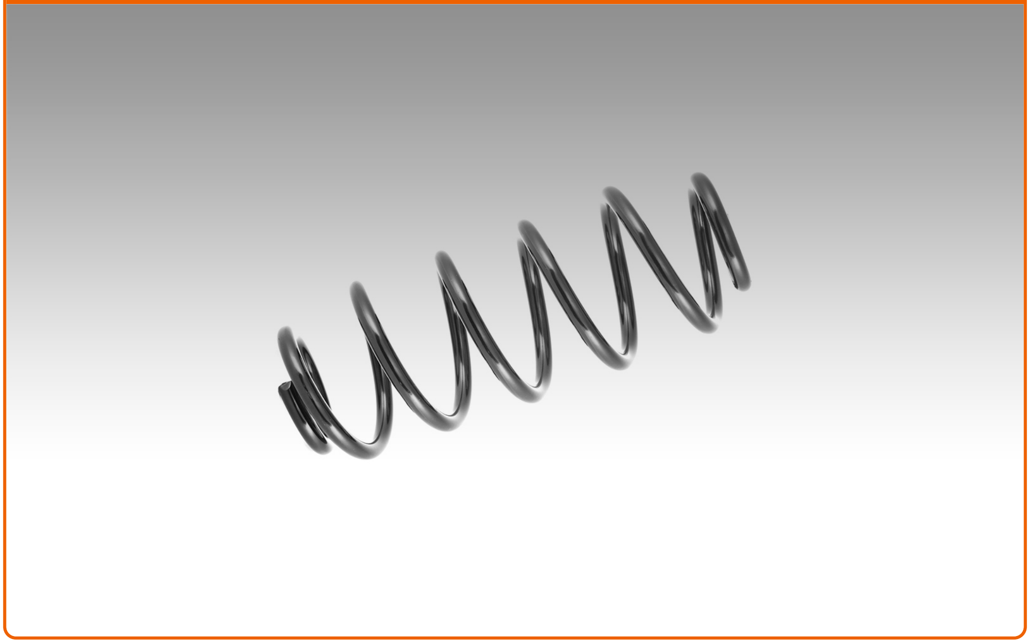
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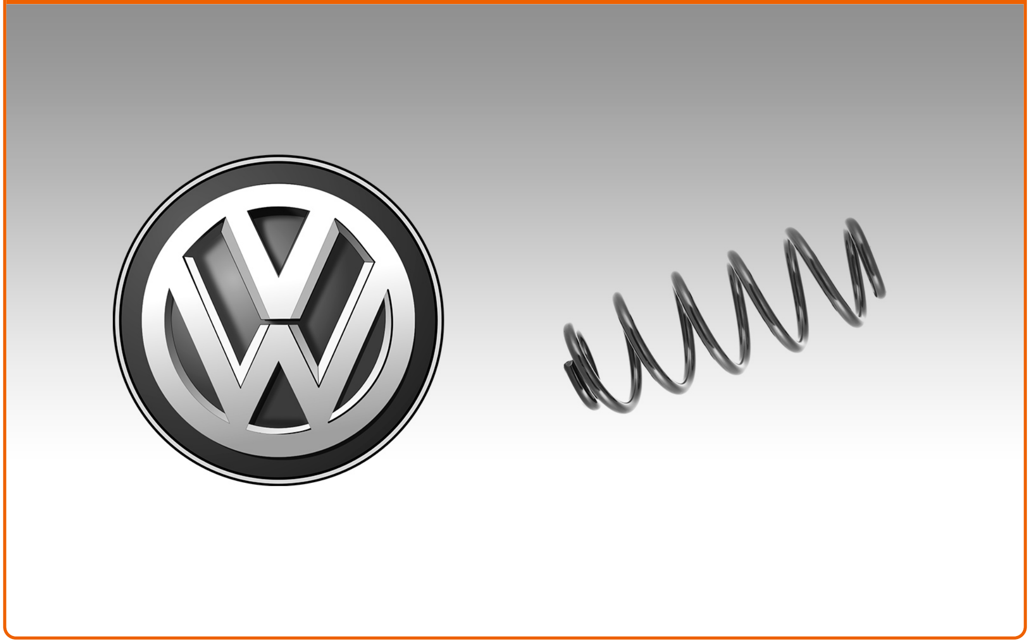
COIL SPRINGS: A WIDE SELECTION



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